FORM PTO-1390 (Modified) REV. 7-2005) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

PCT/US2005/008995

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12854-20446

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 18 March 2005 19 March 2004 TITLE OF INVENTION REMEDIAL HEAP TREATMENT APPLICANT(S) FOR DO/EO/US Thomas:Joseph Seal Applicatif herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: \boxtimes This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), Ø 3. (9) and (24) indicated below. \boxtimes The US has been elected (Article 31). 4. A copy of the International Application as filed (35 U.S.C.:371 (c)(2)) 5. \boxtimes is attached hereto (required only if not communicated by the International Bureau). а. П b. 🗆 has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗆 is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). b. 🗆 Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. П have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). \boxtimes 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or Information included: \boxtimes 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14. 15. \boxtimes A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. 16. 17. A substitute specification. 18. A power of attorney and/or change of address letter. \Box 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 20. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

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Approved for use through 3/31/2007. OMB 0651-0021
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U.S. APPCATOR TO 11 known 50 CFR 1.5)		37 CFR 1.5)	R 1.5) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER			
		PCT/US2005/008995			12854-20446			
23. Other items or information:								
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The following	g fees have been s	submitted:				CALCULATIONS	PTO USE	
	-				\$300	\$ \$300.00		
25. 🖾 Examination fee (37 CFR 1.492(c))								
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Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets							
		fraction the	reof (round up to a wh	ole	•			
30 - 100 =	0 /50 =		0		× \$250.00	\$ \$0.00		
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CLAIMS ·	NUMBER F		NUMBER EXTRA		RATE			
Total claims	41	- 20 =	21	×	\$50.00	\$ \$1,050.00		
Independent clair	ms 1	- 3=	0	×	\$200.00	\$ \$0.00		
MULTIPLE DEP	ENDÉNT CLAIMS	(if applicable) 🗆	+	\$360.00	\$ \$0.00		
TOTAL OF ABOVE CALCULATIONS =						\$ \$1,650.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$ \$0.00		
SUBTOTAL =						\$ \$1,650.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$ \$0.00		
TOTAL NATIONAL FEE =						\$ \$1,650.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$ \$0.00		
TOTAL FEES ENCLOSED =						\$ \$1,650.00		
						Amount to be	\$	
			•	-		Amount to be	\$	

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d.		Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.										
		ALL CORRESPONDENCE TO:		hom () f	~					
		Fischmann & Breyfogle LLI outh Vaughn Way, Suite 411	•	SIGNATURE //						
Aurora, Colorado 80014				Ross E. Breyfogle						
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